TANDBERG

MediaPlaceMXP

User Setup Manual

D5029302
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Environmental Issues

Thank you for buying a product which contributes to a reduction in pollution and thereby helps save the environment.

- Our products reduce the need for travel and transport and thereby reduce pollution.
- Our products have either none or few consumable parts (chemicals, toner, gas, paper).
- Our products are low energy consuming products.

Production of products

Our factories employ the most efficient environmental methods for reducing waste and pollution and ensuring the products are recyclable.

⚠ TO REDUCE RISK OF ELECTRIC SHOCK, DO NOT EXPOSE THIS PRODUCT TO WATER OR MOISTURE.

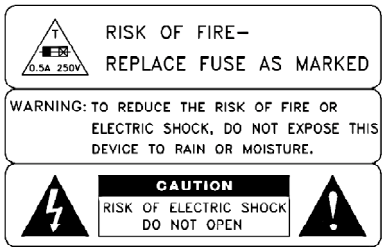
Operator Safety Summary

For your protection, please read these safety instructions completely before operating the equipment and keep this manual for future reference. The information in this summary is intended for operators. Carefully observe all warnings, precautions and instructions both on the apparatus and in the operating instructions.

Equipment Markings

The lightning flash symbol within an equilateral triangle is intended to alert the user to the presence of uninsulated “dangerous voltages” within the product’s enclosure that may be of sufficient magnitude to constitute a risk of electrical shock.

The exclamation mark within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions within literature accompanying the equipment.


T
0.5A 250V
RISK OF FIRE–
REPLACE FUSE AS MARKED
WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS DEVICE TO RAIN OR MOISTURE.
CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN

Warnings

Water and moisture - Do not operate the equipment under or near water - for example near a bathtub, kitchen sink, or laundry tub, in a wet basement, or near a swimming pool or in areas with high humidity.

Cleaning - Unplug the apparatus from the wall outlet before cleaning or polishing. Do not use liquid cleaners or aerosol cleaners. Use a lint-free cloth lightly moistened with water for cleaning the exterior of the apparatus.

Ventilation - Do not block any of the ventilation openings of the apparatus. Install in accordance with the installation instructions. Never cover the slots and openings with a cloth or other material. Never install the apparatus near heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat. Be wary of allowing liquid, small foreign objects, dirt, sand, or the like fall into the ventilation openings.

Grounding or Polarization - Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician.

Power-Cord Protection - Route the power cord so as to avoid it being walked on or pinched by items placed upon or against it, paying particular attention to the plugs, receptacles, and the point where the cord exits from the apparatus.

Attachments - Only use attachments as recommended by the manufacturer.

Accessories - Use only with a cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.

Lightning - Unplug this apparatus during lightning storms or when unused for long periods of time.

ISDN cables - CAUTION - To reduce the risk of fire, use only No. 26 AWG or larger telecommunication line cord.

Servicing - Do not attempt to service the apparatus yourself as opening or removing covers may expose you to dangerous voltages or other hazards, and will void the warranty. Refer all servicing to qualified service personnel.

Damaged Equipment - Unplug the unit from the outlet and refer servicing to qualified personnel under the following conditions:

- When the power cord or plug is damaged or frayed
- If liquid has been spilled or objects have fallen into the unit
- If the unit has been exposed to rain or moisture
- If the unit has been subjected to excessive shock by being dropped, or the cabinet has been damaged
- If the unit fails to operate in accordance with the operating instructions

TANDBERG

Contents

Trademarks and copyright 2
Operator Safety Summary 3
Warnings 3

Introduction 5
At a Glance: TANDBERG MediaPlace 6
TANDBERG MediaPlace Overview 7
Unpacking the TANDBERG MediaPlace 7
Codec 7
Integrated W.A.V.E Camera 7
Amplified Speaker 7
Mobile Cart 8
Microphone 8
Projector 8
DVD/VCR Combination Unit 8
Remote Control 9
PC / Laptop 9

Installation 10
Precautions 10
Installing Components 11
Installing Codec 11
Installing Projector 12
Cable Connections 14
Audio Connections 14
Video Connections 15
Network Connections 15
Video Configuration – Projector and Codec 16

Servicing 17

Introduction

THIS NOTE WILL PROVIDE IMPORTANT INFORMATION YOU WILL WANT TO PAY ATTENTION TO WHILE SETTING UP OR USING YOUR VIDEOCONFERENCING SYSTEM.

THE LIGHTBULB WILL INDICATE A HELPFUL TIP THAT WILL HELP YOU MAKE THE MOST OUT OF YOUR VIDEOCONFERENCING SYSTEM.

THIS WARNING NOTE WILL INDICATE TO YOU THE NEED FOR PRECAUTION WHILE SETTING UP OR USING YOUR VIDEOCONFERENCING SYSTEM.

Combining the power of video with multimedia tools, the TANDBERG MediaPlace is an integrated video communication system. Incorporating a TANDBERG set-top video system with a high resolution projector, DVD/VCR, and audio system, MediaPlace offers a flexible, interactive solution that is highly durable, mobile, and secure.

Simple to install and set-up, the TANDBERG MediaPlace is designed with ease of mobility to take the system to where it is needed. This complete, integrated, mobile video solution is great for classroom applications or any meeting room.

This USER MANUAL is provided to help you make the best use of your TANDBERG videoconferencing system by addressing the components of the TANDBERG MediaPlace.

Design features

- Designed as a mobile multimedia and video system
- Integrated TANDBERG set-top codec, high resolution projector, DVD/VCR, and high quality audio system
- Secured with a lockable LEXAN cover panel to protect the system
- Sturdy base with castor wheels, simple A/V interface panel, secure cable/ microphone storage space, and security screws throughout

Application features

- Join up to 4 video sites and 3 audio site with embedded MultiSite[TF] functionality*
- Best possible call for each MultiSite[TF] participant with rate matching and transcoding
- Powerful live presentations through one-step PC plugin or LAN connection
- View presentations and presenter simultaneously with either DuoVideo[TF] or H.239 on single or dual display setup.
- Share images of live video, PCs, DVD/VCR, document cameras, and other input devices

Performance features

- Choice of TANDBERG set-top solution (770/880/990)
- Choice of network: IP, ISDN and other external networks
- Bandwidth*: 770 - up to 768kbps IP, or 128kbps ISDN
  880 - up to 1152kbps IP, or 384kbps ISDN
  990 - up to 2 Mbps IP, or 512kbps ISDN
- Superior video quality incorporating the H.264 standard with true CD-quality audio
- Protection against network interruptions in point-to-point and multipoint calls with automatic Downspeeding and IPLR
- Highest level of standards-based embedded encryption (AES) is included

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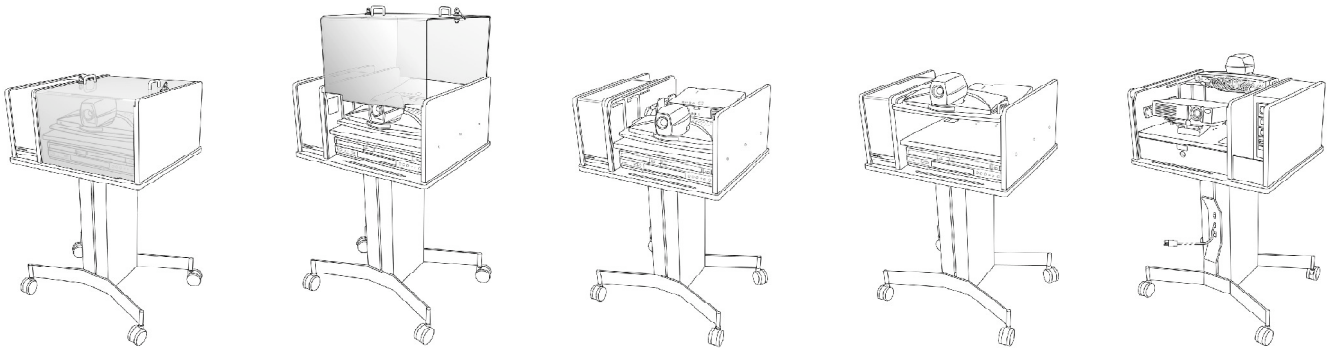
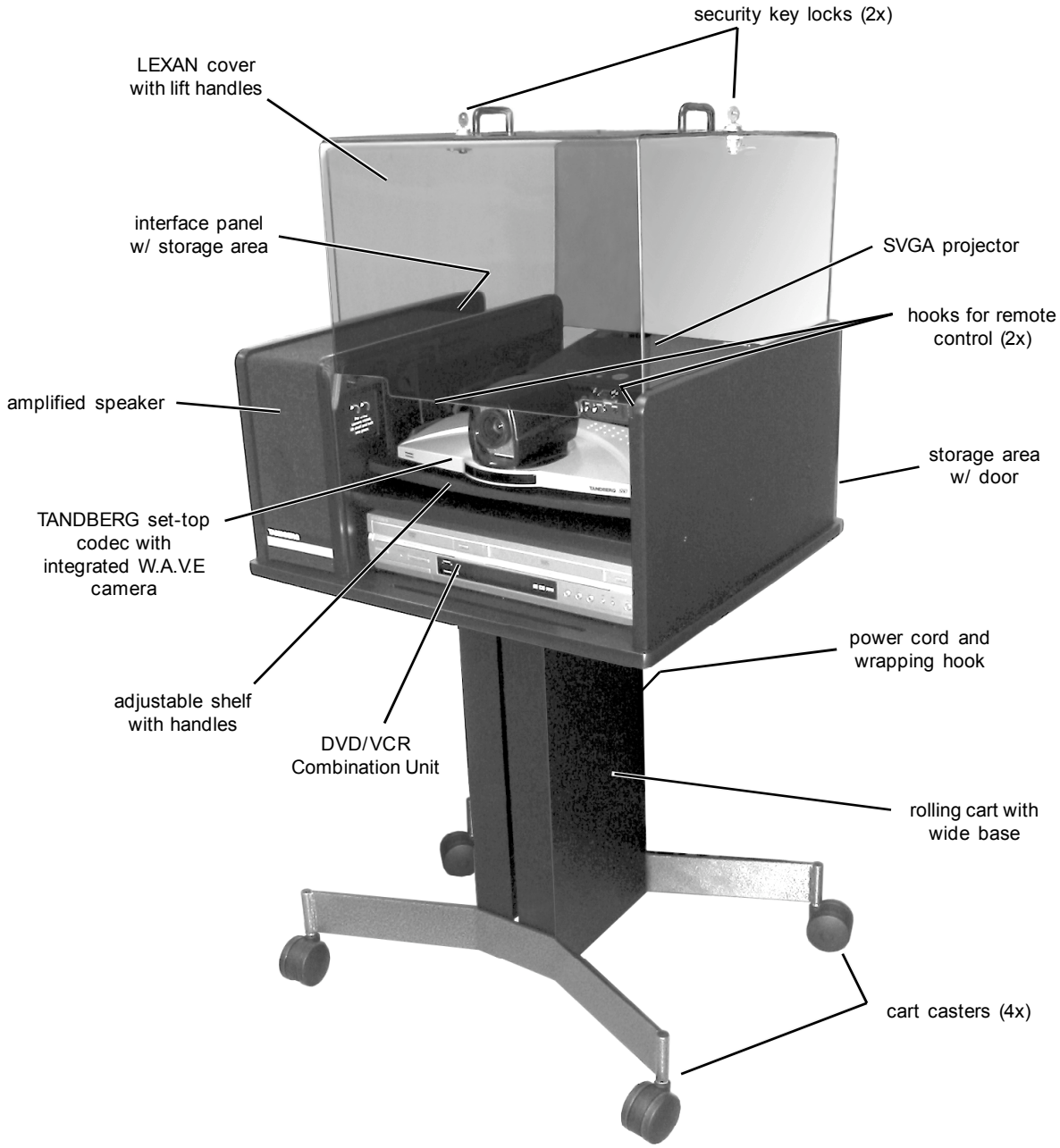
* DEPENDENT ON WHICH SET-TOP OPTION HAS BEEN PURCHASED
TF A TANDBERG FIRST

At a Glance: TANDBERG MediaPlace




security key locks (2x)
LEXAN cover with lift handles
interface panel w/ storage area
SVGA projector
hooks for remote control (2x)
amplified speaker
storage area w/ door
TANDBERG set-top codec with integrated W.A.V.E camera
power cord and wrapping hook
adjustable shelf with handles
DVD/VCR Combination Unit
rolling cart with wide base
cart casters (4x)

TANDBERG MediaPlace Overview

This section provides a general overview of the TANDBERG MediaPlace videoconferencing system and some of its optional components. The MediaPlace system comes in three boxes.

Unpacking the TANDBERG MediaPlace

- TANDBERG set-top codec (770/880/990)
- Lockable mobile cart
- Viewsonic PJ501 SVGA Projector.
- DVD/VCR Combination Unit
- Amplified speaker

Inside the MediaPlace cart packaging is an accessory kit which includes:

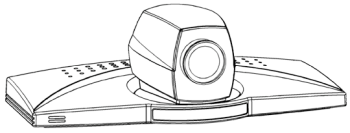
- Plastic Nut inserts for bottom of codec
- Mating half of Projector Mount with plastic spacers
- Screws for mounting codec to codec shelf.
- DVD/VCR Infrared Remote Control (with batteries)
- 25 ft. PC Video cable with Audio
- 25 ft. Video Cable for Document Camera
- Screwdriver for Tamper-Proof Screws
- Projector Mounting Documentation
- DVD/VCR Owners Manual

INSIDE THE BOX FOR THE CODEC 770/880/990 YOU WILL FIND A POWER SUPPLY AND POWER CABLE. A POWER SUPPLY AND CABLE HAVE ALREADY BEEN INSTALLED IN THE MEDIAPLACE CART TO EASE INSTALLATION.

OPENING THE PROJECTOR BOX REVEALS SEVERAL ITEMS. FOR MEDIAPLACE INSTALLATION, ONLY THE ACTUAL PROJECTOR IS REQUIRED. ALL NECESSARY CABLES HAVE ALREADY INSTALLED IN THE MEDIAPLACE CART TO EASE INSTALLATION.

Codec

The heart of the TANDBERG MediaPlace videoconferencing system is the codec. The codec, with integrated W.A.V.E camera, is mounted on an adjusting shelf on the mobile cart.



REFER TO THE CODEC USER MANUAL FOR INSTRUCTIONS OF CODEC AND CAMERA USE.

The MediaPlace solution can support a series of TANDBERG set-tops (770/880/990) for multiple networks and operating speeds, including wireless LAN.

Please refer to the CODEC USER GUIDE for how to navigate and operate the codec.

Integrated W.A.V.E Camera

The set-top codec is integrated with a remote controllable Wide Angle View camera (WAVE). It is a high quality color camera with a fast pan/tilt/zoom action. Please refer to the CODEC USER GUIDE for camera details.

Amplified Speaker

The mobile cart integrates an amplified speaker that provides quality audio during a multimedia presentation.

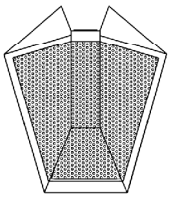
Mobile Cart

The mobile cart is designed with mobility, durability, security, and simplicity in mind.

MOBILITY	• castor wheels • small footprint
DURABILITY	• durable Polyethylene cabinet • steel-frame construction • wide-base Castor wheel set for stability
SECURITY	• locking LEXAN cover • security screws in frame construction • secure ancillary storage
SIMPLICITY	• A/V interface panel • standard TANDBERG remote control • single power cable connection

Microphone

A high-quality, unidirectional table microphone is included with the TANDBERG codec. It is specifically designed to be used on a table during a videoconference. The system will automatically equalize sound levels where loud and soft voices are picked up and transmitted to the far end at approximately the same level.

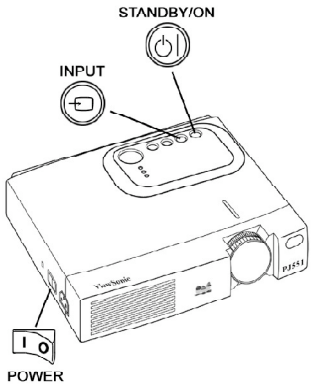


The ideal location for the microphones is about 2-6 feet from the person speaking, set on a flat surface (i.e. table surface).

Projector

The projector is mounted to the mobile cart and is tilt adjustable. The manual of the Viewsonic PJ501 SVGA Projector is included for your reference. Please familiarize yourself with the projector so as to prevent damage to the projector, and to extend bulb life.

- To turn OFF the projector press the STANDBY/ ON button and hold for 2 seconds.
- The POWER LED on the control pad flashes orange during cool-down.
- Wait until the POWER LED changes to a steady orange before you set the Power Switch to [O] OFF.



⚠ EXCEPT IN EMERGENCIES, DO NOT TURN OFF THE POWER SWITCH UNLESS THE POWER INDICATOR IS A STEADY ORANGE. OTHERWISE IMPROPER COOLING OF THE LAMP WILL REDUCE THE LIFE OF THE LAMP OR MAY DAMAGE THE LAMP.

Refer to the projector manual for optimal specifications for screen types and projections parameters.

DVD/VCR Combination Unit

This unit can be used to present video using either VHS or DVD formats. A VCR or DVD recorder can be used to record any portion of the presentation as needed.

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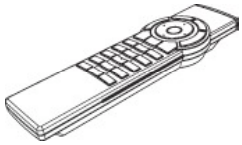
* OPTIONAL FEATURE

Remote Control

The TANDBERG remote control is used to control all codec functions of the MediaPlace system. If the screen saver or sleep mode is activated, picking-up or moving the remote control will automatically wake up the system.

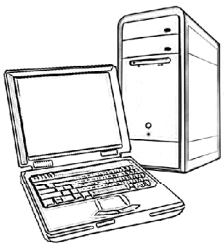
Refer the CODEC USER MANUAL on remote control operation.



THE MOBILE CART HAS TWO REMOTE CONTROLLER HOLSTERS -- ONE FOR THE TANDBERG REMOTE AND ONE FOR ANOTHER REMOTE OF YOUR CHOICE (DVD/VCR, PROJECTOR, ETC.)

PC / Laptop

A user supplied PC or laptop can be connected to the MediaPlace via the PC Presenter (VGA IN) connection on the codec. This enables electronic content to be viewed in a videoconference. Refer the section 'PC Presenter' in the CODEC USER MANUAL.



Installation

The TANDBERG MediaPlace components are: TANDBERG set-top codec (770/880/990), lockable mobile cart, high resolution projector, DVD/VCR combination unit, and audio system with speaker and microphone.

Refer the following pages for system setup and installation.

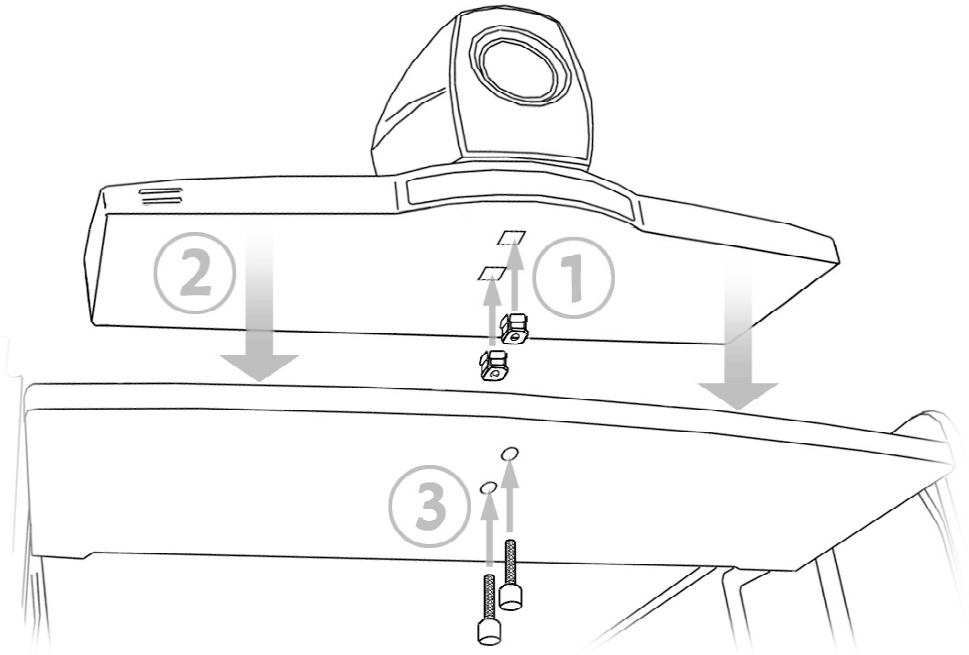
Precautions

- Never install telephone wiring during a lightning storm. Avoid using a telephone (other than a cordless type) during an electrical storm. There may be a remote risk of electrical shock from lightning.
- Never install telephone jacks in wet locations unless the jack is specifically designed for wet locations.
- Never touch uninstalled telephone wires or terminals unless the telephone line has been disconnected at the network interface.
- Use caution when installing or modifying telephone lines.
- Do not use the telephone to report a gas leak in the vicinity of the leak.
- The socket outlet shall be installed near to the equipment and shall be easily accessible.
- Never install cables without first switching the power OFF.
- 1TR6 network type is not approved for connection directly to the telecommunications network. This network type is only to be used behind a PABX.
- X.21 network type is not approved for connection directly to the telecommunications network. This network type is only to be used together with already approved equipment, and is not meant for direct connections to the telecommunication networks.
- V.35/RS-449/RS-366 network type is not approved for connection directly to the telecommunications network. This network type is only to be used together with already approved equipment, and is not intended for direct connection to the telecommunication networks.
- This product complies with directives: LVD 73/23/EC, EMC 89/366/EEC, R&TTE 99/5/EEC

Installing Components

Installing Codec

The TANDBERG set-top codec must be mounted to the adjusting shelf of the mobile cart. Refer the following illustration for mounting the codec.



1. Insert the white, plastic nut inserts into the bottom of the TANDBERG set-top codec.
2. Place the codec onto the shelf and align the holes of the codec to the holes of the shelf.
3. Use the included thumbscrews to secure the codec to the shelf.

Once the codec is mounted to the shelf, match all of the labeled connections, found in the cable loom, to the appropriate connections on the codec.

THE ADJUSTING SHELF CAN BE REMOVED FROM THE CART IF NEEDED.

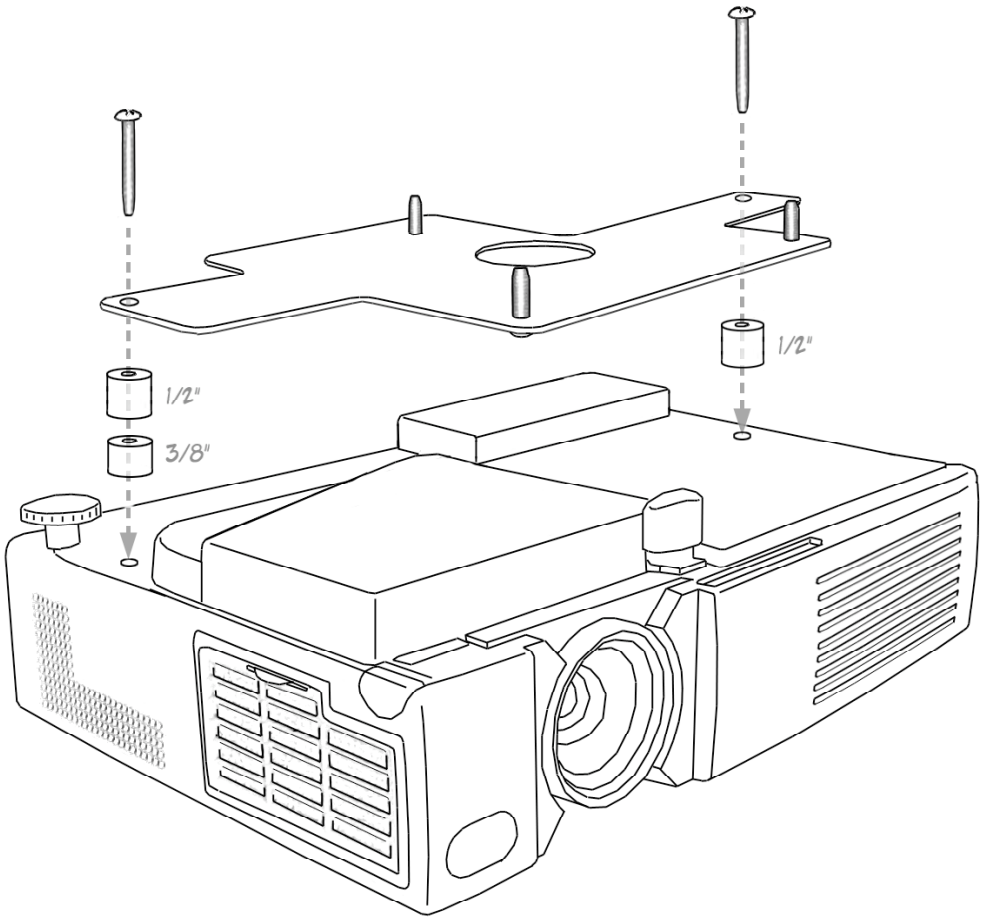
TILT ONE SIDE OF THE SHELF SO THAT ONE SIDE IS AT THE BOTTOM OF THE SLIDING GROOVES WHILE THE OTHER SIDE IS TITLED TO THE TOP OF THE SLIDING GROOVES. THE SHELF SHOULD NOW BE ABLE TO BE REMOVED FROM THE CART.

REPLACE THE SHELF IN THE SAME MANNER.

Installing Projector

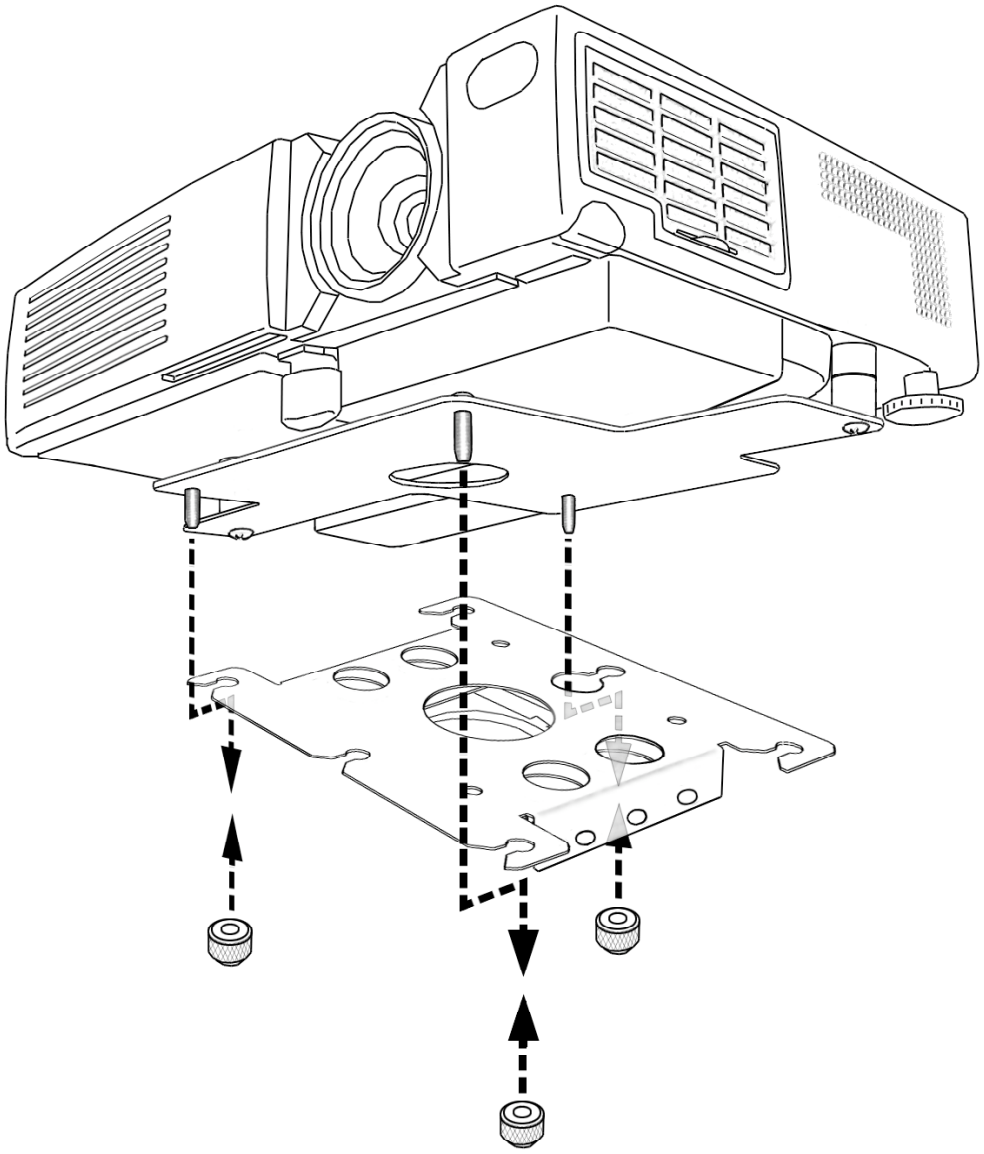
The projector must be mounted to the adjustable projector bracket that is already installed on shelf of the mobile cart. The top half of the projector mount is to be installed to the projector with the parts from the ACCESSORY KIT. Refer the following illustration for mounting the projector.

Attaching Top-half Mount



1. Carefully turn the projector upside-down.
2. Place the top-half of the projector mount onto the bottom of the projector. Make sure that the existing screws on the plate face away (up) from the bottom of the projector, and the single screw is toward the rear of the projector.
3. Align the holes on the plate with that of the projector.
4. Set the plate up by placing one 1/2” plastic spacer and one 3/8” plastic spacer on the vented side of the projector.
5. Do the same on the other side of the projector with one 1/2” plastic spacer.
6. Screw the plate to the projector through the plastic spacers.

Attaching Projector to Cart

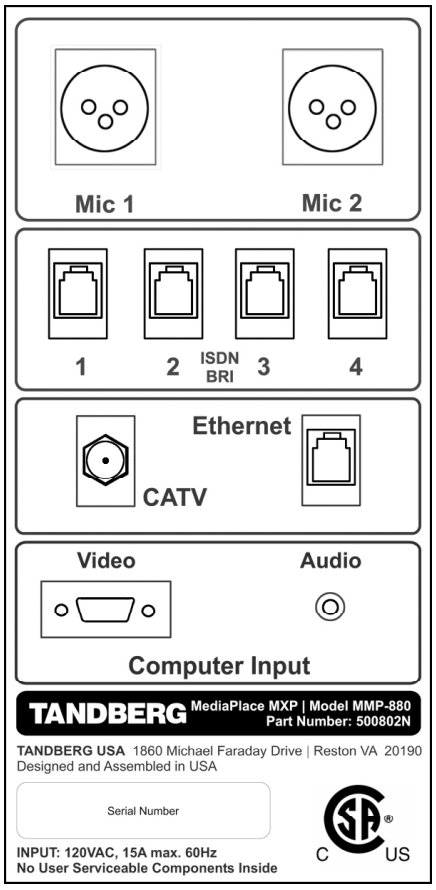


1. Find the set of cables tie-wrapped to the projector bracket on the mobile cart. Cut the tie-wrap and set cables aside so that you will be able to properly attach the projector.
2. Turn the projector right-side up and face the projector out from the mobile cart.
3. Align the three screws on the top-half of the mount with the corresponding holes of the mounting bracket on the cart.
4. Secure the projector using the thumbnuts.

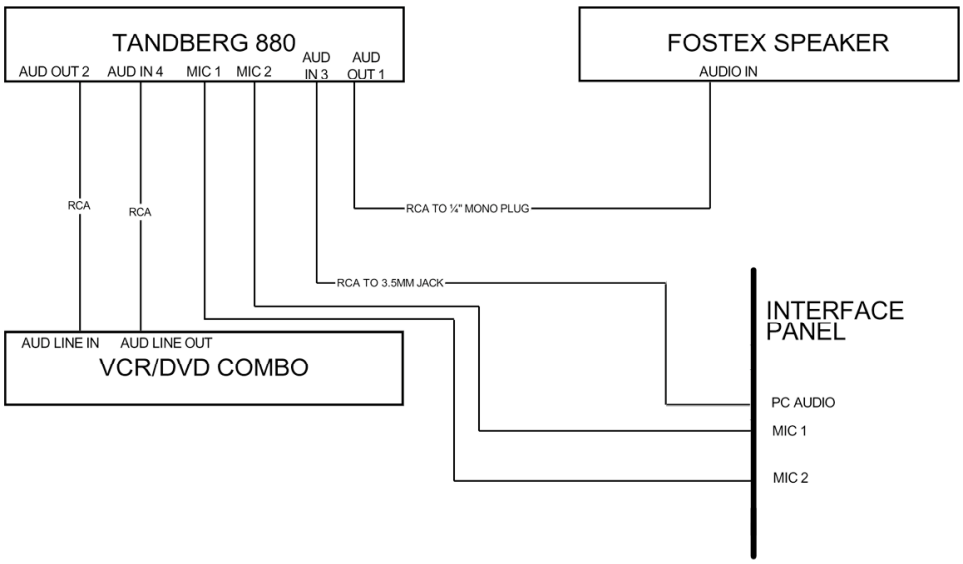
Once the projector is mounted to the shelf, match the labeled connection cables to the projector.

Cable Connections

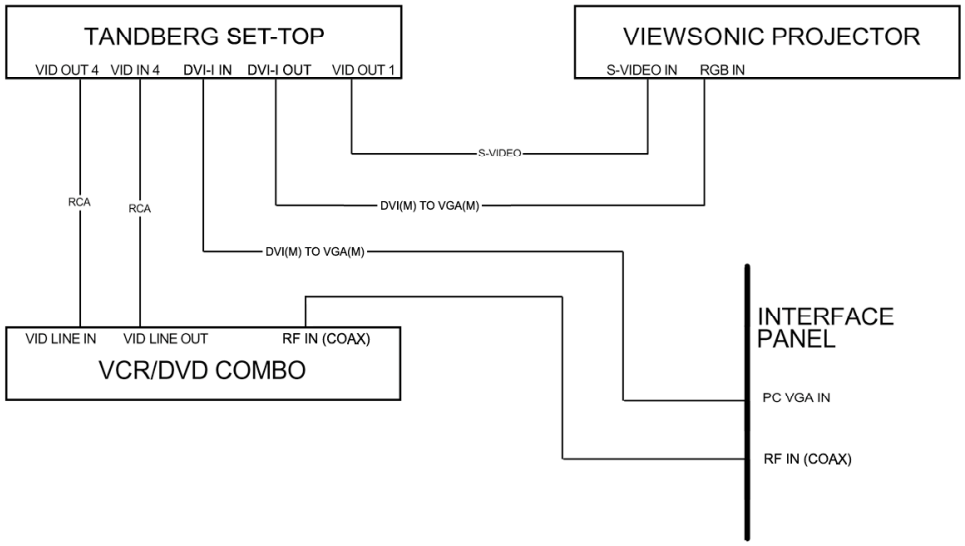
The TANDBERG MediaPlace has an easy access A/V interface panel found just behind the system's amplified speaker. This panel connects to the codec and to network.



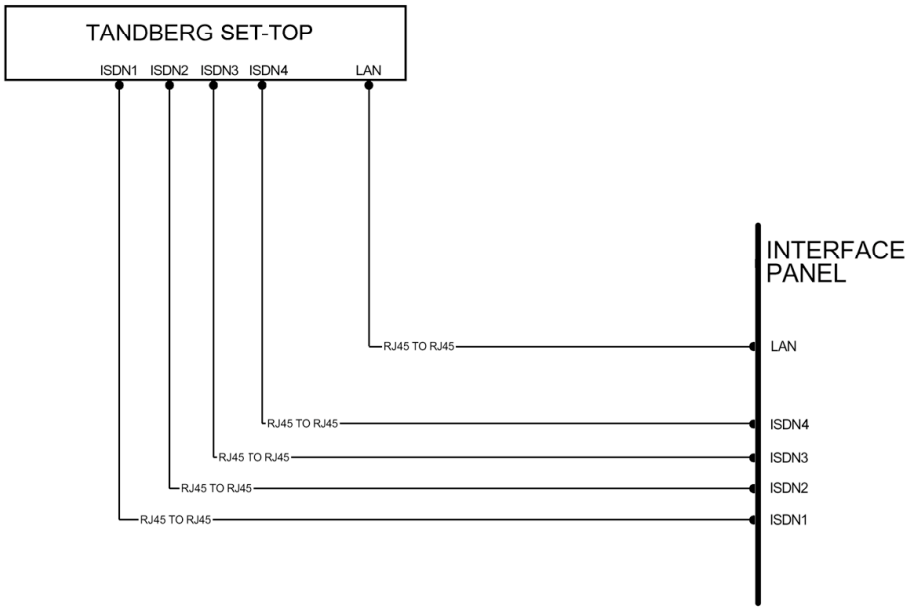
Audio Connections



Video Connections

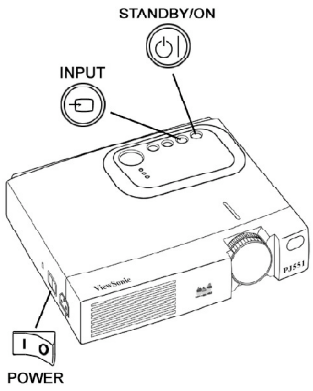


Network Connections



Video Configuration Projector and Codec

1. When all of the necessary codec and projector connections have been made, turn the devices on.
   - The CODEC power switch is located on the rear of the CODEC.
   - The projector power switch is located on the left side of the projector.
   - Once the power switch is in the | position, turn the projector on by pressing the STANDBY/ON button on top of the projector.



2. Press the INPUT button on top of the projector until RGB is selected.

   You may also choose to select S-VIDEO as the projector video source. It is recommended that RGB is selected to provide the highest quality image.

3. The system is now ready to be used for presentation. Refer to the CODEC USER GUIDE for placing and receiving calls, as well as presentation options such as PC Presenter, DuoVideo, and MultiSite.

Servicing

Do not attempt to service the apparatus yourself, otherwise the warranty will be void. Opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.

Damage Requiring Service

Unplug the apparatus from the outlet and refer servicing to qualified personnel under the following conditions:
When the power cord or plug is damaged or frayed.
If liquid has been spilled or an object has fallen into the apparatus.
If the apparatus has been exposed to rain or moisture.
If the apparatus has been subject to excessive shock by being dropped.
If the apparatus does not operate normally when following the operating instructions.

NOTE: TANDBERG will provide on request circuit diagrams and component parts list of the system.

For servicing, please contact one of our service centers.

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